

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/US00/22226

## A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) :C12P 21/04; C12N9/00; C07K 1/00, 14/00; A61K 35/14

US CL :435/69.6, 183; 530/350, 383

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 435/69.6, 183; 530/350, 383

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

STN (medline, biosis, embase, caplus), EAST (all databases), search terms: crystal, factor VIII, FVIII, selenomethionine, N-terminal truncated

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	Database Geneseq_36, No. W69527, HASEGAWA et al. WO9829453, July 1998, abstract, sequence alignment.	7, 8
X, P --- A, P	PRATT et al. Structure of the C2 Domain of Human Factor VIII at 1.5 A resolution. Nature. 25 November 1999, Vol. 402, pages 439-441, especially page 441.	7, 8 --- 1-6, 9-15
X, P --- A, P	Database Biosis on STN, No. 46320, PRATT et al. 'Crystal Structure of the C2 domain of human factor VIII at 1.5 angstrom resolution,' Blood. 15 November 1999, Vol. 94, No. 10, Suppl. 1, Part 1, pp. 621a.	7 --- 1-6 and 8-15

☒ Further documents are listed in the continuation of Box C.
 ☐ See patent family annex.

* Special categories of cited documents:	*T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
*A* document defining the general state of the art which is not considered to be of particular relevance	*X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
*E* earlier document published on or after the international filing date	*Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
*L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	*A* document member of the same patent family
*O* document referring to an oral disclosure, use, exhibition or other means	
*P* document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search

05 NOVEMBER 2000

Date of mailing of the international search report

06 DEC 2000

 Name and mailing address of the ISA/US  
 Commissioner of Patents and Trademarks  
 Box PCT  
 Washington, D.C. 20231

Facsimile No. (703) 305-3230

 Authorized officer  
*Holly Schnizer*  
 HOLLY SCHNIZER

Telephone No. (703) 308-0196

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/US00/22226

## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A, P	STOYLOVA et al. Electron Crystallography of Human Blood Coagulation Factor VIII Bound to Phospholipid Monolayers. J. Biol. Chem. 17 December 1999, Vol. 274, No. 51, pp. 36573-36578.	1-15
A	WO 95/13300 A1 (NOVO NORDISK) 18 May 1995 (18.05.95) entire document.	7, 8, and 10